

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/03614

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01T1/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01T C09K H01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EIJK VAN C W E ET AL: "ND3+ AND PR3+ DOPED INORGANIC SCINTILLATORS" RECORD OF THE NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE SAN FRANCISCO, OCT. 30 - NOV. 6, 1993, NEW YORK, IEEE, US, vol. 1, 30 October 1993 (1993-10-30), pages 664-667, XP000481430 the whole document	1, 3-5, 9
Y	-----	2, 6-8
Y	US 2001/006214 A1 (BOERNER HERBERT FRIEDRICH ET AL) 5 July 2001 (2001-07-05) paragraphs '0007!', '0008!', '0016!', '0017!', '0022!', '0028!' ----- -/-	6-8

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Further documents are listed in the continuation of box C.

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Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
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T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

6 November 2003

Date of mailing of the international search report

20/11/2003

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 93/03614

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2001/033133 A1 (JUSTEL THOMAS ET AL) 25 October 2001 (2001-10-25) paragraphs '0009!, '0027! -----	2
A	HORCHANI K ET AL: "Scintillation properties of CsPrP4012 and RbPrP4012" NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH, SECTION - A: ACCELERATORS, SPECTROMETERS, DETECTORS AND ASSOCIATED EQUIPMENT, NORTH-HOLLAND PUBLISHING COMPANY. AMSTERDAM, NL, vol. 486, no. 1-2, 21 June 2002 (2002-06-21), pages 283-287, XP004367489 ISSN: 0168-9002 the whole document -----	1-9
A	DORENBOS P ET AL: "Scintillation properties of some Ceand Prdoped inorganic crystals" NUCLEAR SCIENCE SYMPOSIUM AND MEDICAL IMAGING CONFERENCE, 1992., CONFERENCE RECORD OF THE 1992 IEEE ORLANDO, FL, USA 25-31 OCT. 1992, NEW YORK, NY, USA, IEEE, US, 25 October 1992 (1992-10-25), pages 281-283, XP010108406 ISBN: 0-7803-0884-0 the whole document -----	1-9

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